

# Thamotharampillai Dileepan, Dvm

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,888  
citations

361413  
20  
h-index

315739  
38  
g-index

39  
all docs

39  
docs citations

39  
times ranked

3137  
citing authors

#	ARTICLE	IF	CITATIONS
1	Different routes of bacterial infection induce long-lived TH1 memory cells and short-lived TH17 cells. <i>Nature Immunology</i> , 2010, 11, 83-89.	14.5	247
2	Tolerance is established in polyclonal CD4 <sup>+</sup> T cells by distinct mechanisms, according to self-peptide expression patterns. <i>Nature Immunology</i> , 2016, 17, 187-195.	14.5	178
3	T Cell Receptor Cross-Reactivity between Similar Foreign and Self Peptides Influences Naive Cell Population Size and Autoimmunity. <i>Immunity</i> , 2015, 42, 95-107.	14.3	144
4	Regulatory CD4 <sup>+</sup> T Cells Recognize Major Histocompatibility Complex Class II Molecule-Restricted Peptide Epitopes of Apolipoprotein B. <i>Circulation</i> , 2018, 138, 1130-1143.	1.6	140
5	Pathogenic Autoimmunity in Atherosclerosis Evolves From Initially Protective Apolipoprotein B <sup>100</sup> -Reactive CD4 <sup>+</sup> T-Regulatory Cells. <i>Circulation</i> , 2020, 142, 1279-1293.	1.6	100
6	Group A Streptococcus intranasal infection promotes CNS infiltration by streptococcal-specific Th17 cells. <i>Journal of Clinical Investigation</i> , 2015, 126, 303-317.	8.2	94
7	Induction of TGF- $\beta$ 1 and TGF- $\beta$ 1-dependent predominant Th17 differentiation by group A streptococcal infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5937-5942.	7.1	93
8	Robust Antigen Specific Th17 T Cell Response to Group A Streptococcus Is Dependent on IL-6 and Intranasal Route of Infection. <i>PLoS Pathogens</i> , 2011, 7, e1002252.	4.7	87
9	High-affinity memory B cells induced by SARS-CoV-2 infection produce more plasmablasts and atypical memory B cells than those primed by mRNA vaccines. <i>Cell Reports</i> , 2021, 37, 109823.	6.4	73
10	Salmonella Persist in Activated Macrophages in T Cell-Sparse Granulomas but Are Contained by Surrounding CXCR3 Ligand-Positioned Th1 Cells. <i>Immunity</i> , 2018, 49, 1090-1102.e7.	14.3	66
11	Naive B Cells with High-Avidity Germline-Encoded Antigen Receptors Produce Persistent IgM <sup>+</sup> and Transient IgG <sup>+</sup> Memory B Cells. <i>Immunity</i> , 2018, 48, 1135-1143.e4.	14.3	61
12	Human CD18 Is the Functional Receptor for <i>Aggregatibacter actinomycetemcomitans</i> Leukotoxin. <i>Infection and Immunity</i> , 2007, 75, 4851-4856.	2.2	58
13	Identification of Natural Regulatory T Cell Epitopes Reveals Convergence on a Dominant Autoantigen. <i>Immunity</i> , 2017, 47, 107-117.e8.	14.3	58
14	Generation of Th17 cells in response to intranasal infection requires TGF- $\beta$ 1 from dendritic cells and IL-6 from CD301b <sup>+</sup> dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12782-12787.	7.1	54
15	Mechanisms underlying <i>Mannheimia haemolytica</i> leukotoxin-induced oncosis and apoptosis of bovine alveolar macrophages. <i>Microbial Pathogenesis</i> , 2005, 38, 161-172.	2.9	39
16	Increased Effector Memory Insulin-Specific CD4 <sup>+</sup> T Cells Correlate With Insulin Autoantibodies in Patients With Recent-Onset Type 1 Diabetes. <i>Diabetes</i> , 2017, 66, 3051-3060.	0.6	38
17	Cutting Edge: Mouse SARS-CoV-2 Epitope Reveals Infection and Vaccine-Elicited CD8 T Cell Responses. <i>Journal of Immunology</i> , 2021, 206, 931-935.	0.8	36
18	Modulating the quantity of HIV Env-specific CD4 T cell help promotes rare B cell responses in germinal centers. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	35

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19	Gut Microbial Membership Modulates CD4 T Cell Reconstitution and Function after Sepsis. <i>Journal of Immunology</i> , 2016, 197, 1692-1698.	0.8	31
20	Two sequential activation modules control the differentiation of protective T helper-1 (Th1) cells. <i>Immunity</i> , 2021, 54, 687-701.e4.	14.3	30
21	Recombinant expression of bovine LFA-1 and characterization of its role as a receptor for <i>Mannheimia haemolytica</i> leukotoxin. <i>Microbial Pathogenesis</i> , 2005, 38, 249-257.	2.9	25
22	Inventories of naive and tolerant mouse CD4 T cell repertoires reveal a hierarchy of deleted and diverted T cell receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18537-18543.	7.1	23
23	Initial determination of COVID-19 seroprevalence among outpatients and healthcare workers in Minnesota using a novel SARS-CoV-2 total antibody ELISA. <i>Clinical Biochemistry</i> , 2021, 90, 15-22.	1.9	19
24	Polymicrobial Sepsis Impairs Antigen-Specific Memory CD4 T Cell-Mediated Immunity. <i>Frontiers in Immunology</i> , 2020, 11, 1786.	4.8	18
25	Characterization of <i>Mannheimia (Pasteurella) haemolytica</i> leukotoxin interaction with bovine alveolar macrophage $\beta 2$ integrins. <i>Veterinary Research</i> , 2005, 36, 771-786.	3.0	18
26	Antigen discovery unveils resident memory and migratory cell roles in antifungal resistance. <i>Mucosal Immunology</i> , 2020, 13, 518-529.	6.0	15
27	Intranasal Nanoparticle Vaccination Elicits a Persistent, Polyfunctional CD4 T Cell Response in the Murine Lung Specific for a Highly Conserved Influenza Virus Antigen That Is Sufficient To Mediate Protection from Influenza Virus Challenge. <i>Journal of Virology</i> , 2021, 95, e0084121.	3.4	15
28	Mapping of the Binding Site for <i>Mannheimia haemolytica</i> Leukotoxin within Bovine CD18. <i>Infection and Immunity</i> , 2005, 73, 5233-5237.	2.2	14
29	Integrin-EGF-3 domain of bovine CD18 is critical for <i>Mannheimia haemolytica</i> leukotoxin species-specific susceptibility. <i>FEMS Microbiology Letters</i> , 2007, 274, 67-72.	1.8	14
30	MHC class II tetramers engineered for enhanced binding to CD4 improve detection of antigen-specific T cells. <i>Nature Biotechnology</i> , 2021, 39, 943-948.	17.5	14
31	Enrichment and Quantification of Epitope-specific CD4+ T Lymphocytes using Ferromagnetic Iron-gold and Nickel Nanowires. <i>Scientific Reports</i> , 2018, 8, 15696.	3.3	11
32	T Cell Receptor Cross-Reactivity between Similar Foreign and Self Peptides Influences Naive Cell Population Size and Autoimmunity. <i>Immunity</i> , 2015, 42, 1212-1213.	14.3	9
33	Cutting Edge: Allograft Rejection Is Associated with Weak T Cell Responses to Many Different Graft Leukocyte-Derived Peptides. <i>Journal of Immunology</i> , 2018, 200, 477-482.	0.8	7
34	Redox regulation of age-associated defects in generation and maintenance of T cell self-tolerance and immunity to foreign antigens. <i>Cell Reports</i> , 2022, 38, 110363.	6.4	7
35	Boosting corrects a memory B cell defect in SARS-CoV-2 mRNA-vaccinated patients with inflammatory bowel disease. <i>JCI Insight</i> , 2022, 7, .	5.0	5
36	Development of a Mouse Model to Explore CD4 T Cell Specificity, Phenotype, and Recruitment to the Lung after Influenza B Infection. <i>Pathogens</i> , 2022, 11, 251.	2.8	4

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37	In Situ Peptide-MHC-II Tetramer Staining of Antigen-Specific CD4+ T Cells in Tissues. PLoS ONE, 2015, 10, e0128862.	2.5	3
38	Enzyme-linked immunosorbent assay for group A Streptococcal anti-DNase B in human sera, using recombinant proteins - Comparison to the DNA methyl green micromethod. Journal of Immunological Methods, 2017, 451, 111-117.	1.4	3